SLOVENSKI STANDARD
SIST EN 60904-10:2001

01-september-2001

Fotonapetostne naprave – 10. del: Metode merjenja linearnosti

Photovoltaic devices -- Part 10: Methods of linearity measurement

Photovoltaische Einrichtungen -- Teil 10: Meßverfahren für die Linearität

Dispositifs photovoltaïques -- Partie 10: Méthodes de mesure de la linéarité

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Ta slovenski standard je istoveten z: **EN 60904-10:1998**

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ICS:

27.160 Sonļ na energija Solar energy engineering

SIST EN 60904-10:2001 **en**

2003-01.Slovenski inštitut za standardizacijo. Razmnoževanje celote ali delov tega standarda ni dovoljeno.

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EUROPEAN STANDARD

NORME EUROPÉENNE

EUROPÄISCHE NORM

EN 60904-10

April 1998

ICS 27.160

English version

Photovoltaic devices
Part 10: Methods of linearity measurement
(IEC 60904-10:1998)

Dispositifs photovoltaïques
Partie 10: Méthodes de mesure
de la linéarité
(CEI 60904-10:1998)

Photovoltaische Einrichtungen
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Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the Central Secretariat or to any CENELEC member.

This European Standard exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CENELEC member into its own language and notified to the Central Secretariat has the same status as the official versions.

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CENELEC
European Committee for Electrotechnical Standardization
Comité Européen de Normalisation Electrotechnique
Europäisches Komitee für Elektrotechnische Normung

Central Secretariat: rue de Stassart 35, B - 1050 Brussels

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SIST EN 60904-10:2001

Foreword

The text of document 82/186/FDIS, future edition 1 of IEC 60904-10, prepared by IEC TC 82, Solar photovoltaic energy systems, was submitted to the IEC-CENELEC parallel vote and was approved by CENELEC as EN 60904-10 on 1998-04-01.

The following dates were fixed:

- latest date by which the EN has to be implemented at national level by publication of an identical national standard or by endorsement (dop) 1999-01-01
- latest date by which the national standards conflicting with the EN have to be withdrawn (dow) 2001-01-01

Annexes designated "normative" are part of the body of the standard.
In this standard, annex ZA is normative.
Annex ZA has been added by CENELEC.

Endorsement notice

The text of the International Standard IEC 60904-10:1998 was approved by CENELEC as a European Standard without any modification.

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Annex ZA (normative)

Normative references to international publications with their corresponding European publications

This European Standard incorporates by dated or undated reference, provisions from other publications. These normative references are cited at the appropriate places in the text and the publications are listed hereafter. For dated references, subsequent amendments to or revisions of any of these publications apply to this European Standard only when incorporated in it by amendment or revision. For undated references the latest edition of the publication referred to applies (including amendments).

NOTE: When an international publication has been modified by common modifications, indicated by (mod), the relevant EN/HD applies.

Publication	Year	Title	EN/HD	Year
IEC 60891	1987	Procedures for temperature and irradiance corrections to measured I-V characteristics of crystalline silicon photovoltaic devices		
+ A1	1992		EN 60891	1994
IEC 60904-2	1989	Photovoltaic devices Part 2: Requirements for reference solar cells	EN 60904-2	1993
IEC 60904-3	1989	Part 3: Measurement principles for terrestrial photovoltaic (PV) solar devices with reference spectral irradiance data	EN 60904-3	1993
IEC 60904-6	1994	Part 6: Requirements for reference solar modules	EN 60904-6	1994
IEC 60904-7	1995[1]	Part 7: Computation of spectral mismatch error introduced in the testing of a photovoltaic device (English only)	-	-
IEC 60904-8	1995[2]	Part 8: Guidance for the measurement of spectral response of a photovoltaic (PV) device (English only)	-	-
IEC 60904-9	1995	Part 9: Solar simulator performance requirements (English only)	-	-
IEC 61215	1993	Crystalline silicon terrestrial photovoltaic (PV) modules Design qualification and type approval	EN 61215	1995
IEC 61646	1996	Thin-film terrestrial photovoltaic (PV) modules Design qualification and type approval	EN 61646	1997

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1) IEC 60904-7:1998 is harmonized as EN 60904-7:1998.
2) IEC 60904-8:1998 is harmonized as EN 60904-8:1998.

SIST EN 60904-10:2001

Publication	Year	Title	EN/HD	Year
IEC 61829	1995	Crystalline silicon photovoltaic (PV) array On-site measurement of I-V characteristics	-	-

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NORME INTERNATIONALE
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CEI
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Première édition
First edition
1998-02

Dispositifs photovoltaïques –
Partie 10:
Méthodes de mesure de la linéarité

Photovoltaic devices –
Part 10:
Methods of linearity measurement

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Commission Electrotechnique Internationale
International Electrotechnical Commission
Международная Электротехническая Комиссия

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SIST EN 60904-10:2001

CONTENTS

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SIST EN 60904-10:2001
https://standards.iteh.ai/catalog/standards/sist/d6405d7e-3f0b-44a8-aad6-17dcdfd8b54f/sist-en-60904-10-2001

SIST EN 60904-10:2001

INTERNATIONAL ELECTROTECHNICAL COMMISSION

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PHOTOVOLTAIC DEVICES –

Part 10: Methods of linearity measurement

FOREWORD

1) The IEC (International Electrotechnical Commission) is a worldwide organization for standardization comprising all national electrotechnical committees (IEC National Committees). The object of the IEC is to promote international co-operation on all questions concerning standardization in the electrical and electronic fields. To this end and in addition to other activities, the IEC publishes International Standards. Their preparation is entrusted to technical committees; any IEC National Committee interested in the subject dealt with may participate in this preparatory work. International, governmental and non-governmental organizations liaising with the IEC also participate in this preparation. The IEC collaborates closely with the International Organization for Standardization (ISO) in accordance with conditions determined by agreement between the two organizations.

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International Standard IEC 60904-10 has been prepared by IEC technical committee 82: Solar photovoltaic energy systems.

The text of this standard is based on the following documents:

FDIS	Report on voting
82/186/FDIS	82/193/RVD

Full information on the voting for the approval of this standard can be found in the report on voting indicated in the above table.